

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application. Deletions appear in ~~strike through font~~, and additions are underlined.

Complete listing of claims

1. (Original) A method for preparing a medical solution, comprising the steps of:
 - a) providing a solution comprising one or more acetylated or deacetylated amino sugars in at least one compartment of a container, said solution having a pH of 2.0-5.0, and
 - b) terminal sterilisation of said at least one compartment and the contents therein.
2. (Currently Amended) The method according to claim 1, wherein the pH is 2.5-3.5, ~~preferably 3.0~~.
3. (Currently Amended) The method according to claim 1, wherein said one or more acetylated or deacetylated amino sugar/sugars ~~is/are~~ chosen from N-acetylglucosamine (NAG), galactosamine, N-acetylgalactosamine, mannosamine, and N-acetylmannosamine in the form of monomers, oligomers and/or polymers thereof, ~~including chitin, and human glucoseaminoglycans,~~ as well as derivatives thereof.
4. (Currently Amended) ~~Method~~ The method according to claim 1 ~~any one of the previous claims~~, wherein said one or more acetylated or deacetylated amino sugar/sugars ~~is/are~~ present in a concentration of 15-40% by weight, ~~preferably 20-40% by weight, most preferably at least 30% by weight,~~ with respect to the basis weight of the solution in said at least one compartment.

5. (Currently Amended) The method according to claim 1 ~~any one of the~~ ~~previous claims~~, wherein said one or more acetylated or deacetylated amino sugar/
sugars is N-acetylglucosamine (NAG).

6. (Currently Amended) The method according to claim 1 ~~any one of the~~ ~~preceding claims~~, wherein the terminal sterilisation is heat sterilisation at a temperature of at least 100°C, ~~preferably at 121°C, and/or radiation sterilisation.~~

7. (Currently Amended) The method according to claim 1 ~~any one of the~~ ~~preceding claims~~, wherein each compartment of the container is delimited from the other/others during the terminal sterilisation, and wherein the terminally sterilised solution containing one or more acetylated or deacetylated amino sugars is/~~are~~ mixed with a terminally sterilised pH adjusting and diluting solution in at least one other terminally sterilised compartment of the container, thereby finally preparing the medical solution.

8. (Currently Amended) The method according to claim 7, wherein the pH in the finally prepared medical solution is 6.0-8.0, ~~preferably 7.4.~~

9. (Currently Amended) The method according to claim 7 ~~or 8~~, wherein the concentration of acetylated or deacetylated amino sugar/~~sugars~~ in the finally prepared solution is/~~are~~ 0.2-15.0% by weight, ~~preferably 0.5-6.0% by weight.~~

10. (Currently Amended) The method according to claim 1 ~~any one of the~~ ~~preceding claims~~, wherein physiologically compatible constituents in the form of carbohydrates, ~~preferably glucose,~~ proteins, peptides, and antioxidants are present in one or more of said compartments.

11. (Currently Amended) The method according to claim 1 ~~any one of the preceding claims~~, wherein the medical solution prepared is a peritoneal dialysis solution.

12. (Currently Amended) A solution comprising one or more acetylated or deacetylated amino sugar/sugars and having a pH of 2.0- 5.0, ~~preferably 2.5-3.5, most preferably 3.0~~, wherein said solution is terminally sterilised and contains low levels of cytotoxic degradation products.

13. (Currently Amended) The solution according to claim 12, wherein said one or more acetylated or deacetylated amino sugar/sugars ~~is/are~~ present in a concentration of 15-40% by weight, ~~preferably 20-40% by weight, most preferably at least 30% by weight~~.

14. (Currently Amended) The solution according to claim 12 ~~any one of claims 12 and 13~~, wherein the acetylated or deacetylated amino sugar/sugars ~~is/are~~ chosen from N-acetylglucosamine (NAG), galactosamine, N-acetylgalactosamine, mannosamine, and N-acetylmannosamine in the form of monomers, oligomers and/or polymers thereof as well as derivatives thereof. as defined in claim 3, and preferably is N-acetylglucosamine.

15. (Currently Amended) A container comprising at least one compartment containing a solution according to claim 12 ~~any one of claims 12-14~~.

16. (Currently Amended) A method for performing peritoneal dialysis comprising mixing ~~Use of a solution according to claim 12, any one of claims 12-14 for the manufacture of a medicament for peritoneal dialysis, wherein it is mixed with a~~

terminally sterilised pH adjusting and diluting solution and performing peritoneal dialysis with the resulting solution.

17. (New) The method according to claim 2, wherein the pH is 3.0.

18. (New) The method according to claim 3, wherein said one or more acetylated or deacetylated amino sugars are in the form of chitin or human glucoseaminoglycans.

19. (New) The method according to claim 4, wherein said one or more acetylated or deacetylated amino sugars are present in a concentration of 20-40% by weight with respect to the weight of the solution in said at least one compartment.

20. (New) The method according to claim 19, wherein said one or more acetylated or deacetylated amino sugars are present in a concentration of at least 30% by weight with respect to the weight of the solution in said at least one compartment.

21. (New) The method according to claim 6, wherein the terminal sterilisation is heat sterilisation at a temperature of 121°C.

22. (New) The method according to claim 6, wherein the terminal sterilisation is radiation sterilisation.

23. (New) The method according to claim 8, wherein the pH in the finally prepared medical solution is 7.4.

24. (New) The method according to claim 9, wherein the concentration of acetylated or deacetylated amino sugars in the finally prepared solution is 0.5-6.0% by weight.

25. (New) The method according to claim 10, wherein the carbohydrate is glucose.

26. (New) A solution according to claim 12, wherein the solution has a pH of 2.5-3.5.

27. (New) A solution according to claim 26, wherein the solution has a pH of 3.0.

28. (New) A solution according to claim 13, wherein said one or more acetylated or deacetylated amino sugars are present in a concentration of 20-40% by weight.

29. (New) A solution according to claim 26, wherein said one or more acetylated or deacetylated amino sugars are present in a concentration of at least 30% by weight.

30. (New) The solution according to claim 14, wherein the acetylated or deacetylated amino sugars are N-acetylglucosamine molecules.